

CLAIMS

What is claimed is:

1. A transceiver module for use in a communications network, the module comprising:

a cable receptacle that is capable of receiving one or more cable connectors;

and

a movable pivot lever having a locking member, the pivot lever configured to allow removal of the module from within a host port, wherein movement of the pivot lever manipulates the locking member in a manner so as to disengage the module from within the host port.

2. A transceiver module as defined in claim 1, wherein the moveable pivot lever is shaped so as to prevent the manipulation of the locking member when a fiber optic cable connector is disposed within the fiber optic cable receptacle.

3. A transceiver module as defined in claim 1, further comprising a biasing member that biases the moveable pivot lever in a locked position.

4. A transceiver module as defined in claim 3, wherein the moveable pivot lever pivots about a pivot point.

5. A transceiver module as defined in claim 1, wherein the moveable pivot lever is a cantilevered portion of a housing of the transceiver module.

6. A transceiver module as defined in claim 1, wherein the movable pivot lever has a free end that can be directly manipulated by a user.

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7. An optical transceiver module having transceiver electronics and optics to convert optical signals into electrical signals or electrical signals into optical signals, the module comprising:

a fiber optic cable receptacle that is capable of receiving one or more fiber optic cable connectors; and

a movable pivot lever having a locking member, the pivot lever configured to allow removal of the module from within a host port, wherein movement of the pivot lever manipulates the locking member in a manner so as to disengage the module from within the host port.

8. An optical transceiver module as defined in claim 7, wherein the moveable pivot lever is shaped so as to prevent the manipulation of the locking member when a fiber optic cable connector is disposed within the fiber optic cable receptacle.

9. An optical transceiver module as defined in claim 7, further comprising a biasing member that biases the moveable pivot lever in a locked position.

10. An optical transceiver module as defined in claim 9, wherein the moveable pivot lever pivots about a pivot point.

11. An optical transceiver module as defined in claim 7, wherein the moveable pivot lever is a cantilevered portion of a housing of the transceiver module.

12. An optical transceiver module as defined in claim 7, wherein the movable pivot lever has a free end that can be directly manipulated by a user.

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13. A small form factor pluggable (SFP) fiber optic transceiver module comprising:

a housing portion containing a printed circuit board having transceiver electronics and optics to convert optical signals into electrical signals or electrical signals into optical signals; and

a moveable pivot lever, wherein movement of the moveable pivot lever disengages the module from within a host port and exertion of a pulling force on the moveable pivot lever permits the module to be withdrawn from the host port.

14. A module as defined in claim 13, wherein the moveable pivot lever disengages the module from within the host port by manipulating the pivot lever against a biasing force of a biasing member.

15. A module as defined in claim 13, further comprising a locking member configured to selectively engage the module within the host port, and wherein the locking member is selectively disengaged by the movement of the moveable pivot lever.

16. A module as defined in claim 13, wherein the moveable pivot lever is a cantilevered portion of the housing.

17. A module as defined in claim 16, wherein the moveable pivot lever is biased in a latched position.

18. A module as defined in claim 13, wherein the movable pivot lever has a free end that can be directly manipulated by a user.

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